Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 1st & final bill ✓ Date 20

YNK-DBR No. 36 Date 26.07.19

P-3250

A.E.E/M.N.
S.B.R. No: 19/19-20
DATE 22/7/19

Division: Yelahanka Division
Bill Received No. Dated Cash Book Voucher No. dated
Scheduled Docket No.

Name of Work: Construction of Dhobhighat in ward No:01 of Yelahanka Sub division

Job Code No: 001-18-000002 **Est. cost: 50.00 lakhs**

Name of Contractor and Full Address : Sri. Y.B.Ramesh , Yelahanka

Work Order No: EE(YNK.D)E-PMT-09/W.O/137/2017-18 **Dated : 27-03-2018**

Certified that the measurements were taken by me on and recorded in pages 369010 to 369024.
of measurement Book No. 3699 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurements were taken by me on 12/7/19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being percent Rs.
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No. Dated S.D No.
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No. date less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Total	5202383/-
CESS	46449/-
SESS	46449/-
IT	52023/-
LC	52023/-
CSP	5202/-
LR	44230/-
Fine	5720/-
TD.	252096/-
NV=	4950287/-

Contractor's Signature

Received Rs. (in words)
By Cash and by adjustment of Payment as per memorandum.
Witnesses :
1.
2.

Dated Signature of Contractor

Paid by me by cheque No. Dated

Cash Rs. Dated

Initials of Officer Making Payment

(For use in the Office)

Audited & Admitted for Rs. 5202383/-
Eighty two Lakhs two thousand and three hundred and eighty three only
4950287/- by Cheque
and Rs. 252096/- by adjustement

Asstt. Superintendent
Yelahanka Division
BBMP

Executive Engineer
Exe. Engineer
Yelahanka Division
BBMP

B.D.M.P

Name of the work : Construction of Dhobighat in ward No:01 of Yelahanka Sub division

ABSTRACT - First & Final Bill

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate In Rs.	Amount	Qty	Amount
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and	Cum	183.93	183.00	33659.19			183.92	183.00	33657.36	183.92	33657.36
2	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return	Cum	183.93	155.00	28509.15			183.92	155.00	28507.60	183.92	28507.60
3	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and	Cum	220.18	260.00	57246.80			219.91	260.00	57175.30	219.91	57175.30
4	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid	Cum	74.97	5500.00	412335.00			74.97	5500.00	412324.00	74.97	412324.00
5	KSRB 5.1-2 : Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6 (Uncoursed), bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.12 (Page No.23/ Item No.5.3)	Cum	122.50	3610.00	442225.00			122.50	3610.00	442210.56	122.50	442210.56
6	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at	Cum	66.37	4438.22	294564.66			66.37	4438.22	294564.66	66.37	294564.66
7	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, (Page No. 6 / Item No. 2.10)	Cum	220.18	187.20	41217.70			219.91	187.20	41166.22	219.91	41166.22
8	Providing & laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs , with 20mm and down size graded granite metal coarseaggregate @ 0.70cum and fine	Cum	85.12	7680.00	653721.60			85.05	7680.00	653161.73	85.05	653161.73

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
9	KSRB 5-11 : Providing and constructing load bearing wall with cement concrete cavities blocks (hollow blocks) of proportion 1:1.5:3 blocks of size 40x20x20cms.(lxbxh) strength not less than 3.5	Sqm	168.12	1000.00	168120.00			168.12	1000.00	168120.00	168.12	168120.00
10	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever	Tn	10.22	61000.00	623115.00			10.22	61000.00	623115.00	10.22	623115.00
11	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all	Sqm	82.80	300.00	24840.00			82.80	300.00	24840.00	82.80	24840.00
12	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6. (Page No. 16/ Item No.	Sqm	37.80	400.00	15120.00			37.80	400.00	15120.00	37.80	15120.00
13	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification NO KBS	Sqm	29.66	320.00	9491.20			29.66	320.00	9491.20	29.66	9491.20
14	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS	Sqm	82.00	340.00	27880.00			82.00	340.00	27880.00	82.00	27880.00
15	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (Page No. 114/	Sqm	41.00	210.00	8610.00			41.00	210.00	8610.00	41.00	8610.00
16	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to Stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, cost of	Sqm	242.52	280.00	67905.60			242.52	280.00	67905.60	242.52	67905.60
17	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to Stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curingetc.,complete as per	Sqm	95.40	254.00	24231.60			94.86	254.00	24093.68	94.86	24093.68

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement				
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
18	KSRB 15.14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after througly brooming the surface free from mortar drops and other foreign	Sqm	242.52	77.00	18674.04			242.52	77.00	18674.04	242.52	18674.04
19	KSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials,	Sqm	95.40	91.00	8681.40			94.86	91.00	8631.99	94.86	8631.99
20	KSRB 15.7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications (Page No. 114 / Item No. 15.33)	Sqm	41.00	27.00	1107.00			41.00	27.00	1107.00	41.00	1107.00
21	KSRB 7.11: Providing and fixing position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm. bottom section 1.3mm thick weight 1.07 Kg/m; sides and top sections 1.2 mm.	Sqm	7.92	4500.00	35640.00			7.92	4500.00	35640.00	7.92	35640.00
22	Providing and fixing M.S grill work for window and ventilators weighing 21kg/sqm using M.S flats and M.S square approved designed drawing including cutting steel section and welding the same to require patern with a coat of red primer, cost of materials fixtures labour and HOM of Machinery	Kg	166.32	85.00	14137.20			166.32	85.00	14137.20	166.32	14137.20
23	Providing Honnewood frames of doors windows clrestory windows ventilators and other frames wrought framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps) but including cost of materials labour HOM of machineries complete as per	Cum	0.24	111083.00	26659.92			0.24	111083.00	26659.92	0.24	26659.92
24	KSRB 9.5-1: Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of	Sqm	8.40	5015.00	42126.00			8.40	5015.00	42126.00	8.40	42126.00
25	KSRB 15-17.4: Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and	Sqm	16.80	34.00	571.20			16.78	34.00	570.63	16.78	570.63
26	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including	Sqm	16.80	90.75	1524.60			16.78	90.75	1523.08	16.78	1523.08

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
27	Providing and fixing Special make glazed Vitrified tiles (Granomite finis) of approved make, quality and colour of sized 600x600x10mm thick fixed on existing flooring wit ha special roffe adhesive for flooring and skirting etc., complete including	Sqm	27.60	1286.00	35493.60			27.60	1286.00	35493.60	27.60	35493.60
28	KSRB 14.14.4: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landing, laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing using white cement with using colour pigment, including cost of materials, labour,	Sqm	5.76	1300.00	7488.00			5.74	1300.00	7458.75	5.74	7458.75
29	KSRB 14.14.3: Providing skirting, dadoing, rises of steps with colour glazed tiles of size 10mm thick cement plaster 1:3 and joited with white cement over existing rough plaster surface using glazed tiles of approved make and size including cost of	Sqm	28.56	1160.00	33129.60			28.55	1160.00	33112.20	28.55	33112.20
30	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) M20 for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, for raft foundation, column footing, main and secondary	Cum	136.80	6850.00	937080.00			136.80	6850.00	937080.00	136.80	937080.00
31	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal Type, P-trap) with black solid plastic seat and lid, C. P. brass hinges, rubber buffers. 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 40mm diameter flush bend with	Nos	1.00	6000.00	6000.00			1.00	6000.00	6000.00	1.00	6000.00
32	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight	Unit	4.00	7610.00	30440.00			4.00	7610.00	30440.00	4.00	30440.00
33	KSRB 11.11.5 : Providing and fixing white vitreous china clay, flat back wash basin of size 450x300mm with single 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets, cutting and	Unit	3.00	2900.00	8700.00			3.00	2900.00	8700.00	3.00	8700.00
34	Providing and fixing to wall , ceilling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fitting wall clips, making good the wall, ceilling and floor, including cost of all materials, labour charges, HOM of equipments and testing	Mtr	8.00	750.00	6000.00			8.00	750.00	6000.00	8.00	6000.00
35	KSRB 11.15.2: Providing and fixing 453 x 357 mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing, including cost materials, labour complete as per specifications (P.82 / I.N 12.41)	Unit	2.00	1300.00	2600.00			2.00	1300.00	2600.00	2.00	2600.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
36	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing, this	Mtr	20.00	145.80	2916.00			20.00	145.80	2916.00	20.00	2916.00
37	KSRB 13-6.3.1: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 20 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification	Nos	4.00	450.00	1800.00			4.00	450.00	1800.00	4.00	1800.00
38	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer block or blue and inner white layer of approved quality and make conforming to I.S.I./ISO/SSI specifications PWD SR 2012-13 (P.258 / I.N 37.58)	Liter	8000.00	7.00	56000.00			8000.00	7.00	56000.00	8000.00	56000.00
39	KSRB 13-1.1 : Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 20mm dia nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour, charges HOM of equipments and testing complete as	Mtr	5.00	250.00	1250.00			5.00	250.00	1250.00	5.00	1250.00
40	Providing and fixing CI Nahani Trap of approved make conforming to ISI specifications and construction of cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and	Nos	4.00	280.00	1120.00			2.00	280.00	560.00	2.00	560.00
41	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgs/sq.cm working pleasure 25mm outside diameter chemp plast/wavin or equivalent make with pipe fittings, wall clips making good the wall, ceiling and floor including cost	Mtr	12.00	120.00	1440.00			12.00	120.00	1440.00	12.00	1440.00
42	Providing and fixing on position brass bib cock of approved quality 25mm dia nomial bore including cost of all materials labour and HOM of equipments with all leads complete as per specifications.(P.N.91	Nos	3.00	300.00	900.00			3.00	300.00	900.00	3.00	900.00
43	Providing White vitreous china clay Indian pattern squatting urinals with white glazed foot rets of approved quality and make conforming to ISI specification and fixing in position with M-15 as	Each	1.00	1050.00	1050.00			1.00	1050.00	1050.00	1.00	1050.00
44	Providing and fixing M.S Gate as per chief architect drawing using 50mm x 50mm 14 guage M.S hollow pipe frame work bent to ornamental shape as shown in the drawinf and 35mm x 6mm and 16mm x16 mm squre rods for verticle alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S flats for horizontal member and at the top cast iron spikes are provided at alternate verticle members as shown in the drawingetc., complete all the steel surface shold be thoroughly cleaned free of dust and painted with anti corrosive paint (shop paint)	Sqm	12.50	3300.00	41250.00			12.50	3300.00	41250.00	12.50	41250.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
45	2.0 HP/1.5KW Atalanta/Suguna/CRI / Kirloskar /Other Equivalent pumps (PWD SR16-17 & Page No. XXXXIV & S.No.17)	Each	1.00	26300.00	26300.00			1.00	26300.00	26300.00	1.00	26300.00
1	Geophysical investigations of site for sinking borewell for supplying drinking waster to the habitation either through the hand pump, MWS or PWSS by vertical electrical sounding by adopting	Nos	1.00	2000.00	2000.00			1.00	2000.00	2000.00	1.00	2000.00
2	Sinking of borewell of 165mm dia clear, using super fast hydralic rig of capacity 250 PSIG & above 900 CMF & above all strata including over burden up to 20m fixing of casing pipe, collars and capo with necessary cutting and threadimg including transportation of rig and swupporting vehicle, crew charges and copst of consumables etc., complete including yield testing at the final depth with a minimum working of comprressor for one hour (excluding cost of casing pipe, collers,cap) P-47. Item No.9.1)PRED SR 2012-13 (0-50Mtr)		0.00	0.00	0.00				0.00	0.00	0.00	0.00
	0.00 to 50.00 mtrs	Rmtr	50.00	316.00	15800.00			50.00	316.00	15800.00	50.00	15800.00
3	50.00 to 100.00 mtrs	Rmtr	50.00	412.00	20600.00			50.00	412.00	20600.00	50.00	20600.00
4	100.00 to 150.00 mtrs	Rmtr	50.00	460.00	23000.00			50.00	460.00	23000.00	50.00	23000.00
5	150.00 to 200.00 mtrs	Rmtr	50.00	490.00	24500.00			50.00	490.00	24500.00	50.00	24500.00
6	200.00 to 250.00 mtrs	Rmtr	50.00	670.00	33500.00			50.00	670.00	33500.00	50.00	33500.00
7	250.00 to 300 mtrs	Rmtr	50.00	801.00	40050.00			50.00	801.00	40050.00	50.00	40050.00
8	300.00 to 350 mtrs	Rmtr	45.00	650.00	29250.00			45.00	650.00	29250.00	45.00	29250.00
9	Supply of ISI mark 175mm nominal bore plain end steel casing pipe grade of steel feet410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendment electric resistance welded	Rmtr	75.00	1400.00	105000.00			75.00	1400.00	105000.00	75.00	105000.00
10	Providing 200mm dia PVC pipe 10kg/cm2 (SE PRED P.15 It.3.43)	Rmtr	25.00	1800.00	45000.00			25.00	1800.00	45000.00	25.00	45000.00
11	Providing and Supplying 175 mm dia MS cap (as per PREC SR 2012-13) etc complete as per specification	Nos	1.00	200.00	200.00			1.00	200.00	200.00	1.00	200.00
12	Supply and delivery of submersible pump sets suitable for borewell of 165 mm dia with specified dyty conditions as detailed below and satisfying performance characteristics for pump and moter specified in BIS with ISI mark with a minimum efficiency of 42% pump shall confirm to IS 8034/2002	Nos	1.00	71600.00	71600.00			1.00	71600.00	71600.00	1.00	71600.00
13	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50 mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. (SR of	Rmtr	330.00	650.00	214500.00			330.00	650.00	214500.00	330.00	214500.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
14	Supplying and drawing 3 crore flat PVC submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 to IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts.)P.No.49/ It.No.29c(1) 2.5sqm of 36	Rmtr	700.00	210.00	147000.00			700.00	210.00	147000.00	700.00	147000.00
15	Erection of pump sets including alighning and balancing with all necessary erection of materials and labour including supply and erection of one pair of supporting clamps.one bporewell cap , cable clips. with bolts nuts valves guages,etc..,involved in the job (as per approved rate KUWS & DB for the year	Nos	1.00	300.00	300.00			1.00	300.00	300.00	1.00	300.00
16	Supply of heavy duty galvanised mild steel coller suitable for 50mm dia nominal bore galvanised mild steel	Nos	55.00	150.00	8250.00			55.00	150.00	8250.00	55.00	8250.00
17	Providing and fixing 175mm dia MS collar (PRED Bangalore Circle SR 2012-13 P.No.iii, I No. 86)	Nos	12.00	180.00	2160.00			12.00	180.00	2160.00	12.00	2160.00
18	Supply of non return valve suitable for 50mm dia nominal bore galvanised mild steel tube	Nos	1.00	1600.00	1600.00			1.00	1600.00	1600.00	1.00	1600.00
19	Supply of on load charges over switches 4 poles 415V 5hr ac supply 100-125 amps group A	Nos	1.00	10000.00	10000.00			1.00	10000.00	10000.00	1.00	10000.00
20	Supply and fully automatic star delta unit push button type with siutable wires 3 conectors one adjustable thermal timer mounted on a common base late held in steel enclosure for use on 440/440	Nos	1.00	5700.00	5700.00			1.00	5700.00	5700.00	1.00	5700.00
21	Erection of single phase preventor ammeters/including fixing sector switch/current operated earth leakage circuit breakers voltage operated circuit breaker abobe 100A fuse channel set (3 Nos) HRC fuses above 100A (3 Nos) including transportation charges from spot (P.28It.16)	Nos	1.00	1500.00	1500.00			1.00	1500.00	1500.00	1.00	1500.00
22	fabricating supplying and mounting 1200x900x350 mm MS box of 18 SWG Suitable for floor/wall mounting fully weather proof with double stanted top as per drawing with provision for better haet dissipation provided with hinged front cover equipped with tamper proof locking arrangements	Nos	1.00	8000.00	8000.00			1.00	8000.00	8000.00	1.00	8000.00
23	Supplying and fixing miniature circuit breakers/solaters on existing MCB box distribution boards using necessary fixing materials and wiring complete as required 32 to 63 amps triple pole with all lead and lift, loading unloading and labour charges etc., complete as per specification (BWSSB SR P-352 It.15)	Nos	1.00	2100.00	2100.00			1.00	2100.00	2100.00	1.00	2100.00
24	Supplying and running og GI copper strips of grounding connections using necessary fixing materials required 600x600x3mm GI Plate (P-378 It.9)	Nos	1.00	1100.00	1100.00			1.00	1100.00	1100.00	1.00	1100.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
25	Supplying and fixing of porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washer etc., complete(P.32,It.3 KPWD Electrical SR 2010-11)	Nos	1.00	202.00	202.00			1.00	202.00	202.00	1.00	202.00
26	fabrication supplying and mounting MS box of 16 SWG Suitable for floor/wall mounting fully weather proof with provision for better heat dissipation provided with hinged front cover equipped with tamper proof locking arrangements with suitable	Nos	21600.00	0.50	10800.00			21600 ########	0.50	10800.00	21600.00	10800.00
27	Supplying and delivery at site brand neew star/essen/suns/adarsh/GK controls best indegenous make combined energy meter-cum-control panel board unit of size 600x450x200 mm minimum mechanically strong vermin proof and water proof.the unit shall have two data cable doors suitable for operation on 3ph.50hz, 380/440 volts, AC supply with spring loaded latch locking device	Nos	1.00	10000.00	10000.00			1.00	10000.00	10000.00	1.00	10000.00
28	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanised steel wire/steel tape armored cable with PVC outer sheathing 101 KV class 4 crore 16 sqmm(P.W.D Electrical SR)	Rmtr	50.00	150.00	7500.00			50.00	150.00	7500.00	50.00	7500.00
29	Labour charges for laying of 1.1 KV class UG cable when supplied agency vin existing trench GI pipe3 stonewarre pipe/ on wall/ on pole as required (P.W.D Electrical Sr P-68, 1-11a)	Rmtr	50.00	8.00	400.00			50.00	8.00	400.00	50.00	400.00
30	Digging of trench of 0.6 m deep x 0.50 mtrs wide rrefilling the trench to the required ground level and consolidating etc completeP.W.D Electrical Sr P-68, 1 8.12b)	Rmtr	50.00	60.00	3000.00			50.00	60.00	3000.00	50.00	3000.00
31	Supplying and fixing of a class A (medium) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 Kv class 65mm (P.W.D Electrical Sr 08-09 P-68, 1-8.12b)	Rmtr	4.00	240.00	960.00			4.00	240.00	960.00	4.00	960.00
32	Supplying, fixing, wiring, earth electrode for grounding conduits, IC cutouts & other equipments on the meter broad using 40mm dia 2.9 thick GI pipe 2.5 mtr long burried in a pitg. The pit should be filled withb equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. the	Nos	1.00	1500.00	1500.00			1.00	1500.00	1500.00	1.00	1500.00
33	Supplying ands fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, Bolts, nuts & washers etc 4 crore 16 sqmm (P.W.D Electrical Sr 08-09 P-66, 1-16a)	Nos	1.00	270.00	270.00			1.00	270.00	270.00	1.00	270.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
34	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3)	Cum	135.00	201.00	27135.00			118.80	201.00	23878.80	118.80	23878.80
35	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure 63 mm outside diameter with special flange, compression type fittings, wall clips , making good the wall, ceiling and floor including cost all material, labour charges, HOM of equipments and testing complete as per specifications.(P.N .93 I.N 13.70.3)	Rmtr	250.00	300.00	75000.00			220.00	300.00	66000.00	220.00	66000.00
36	Refilling available earth around pipelines, cables in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering lead upto 50m and lift upto 1.5m including cost of labour complete as per specification (P. No.6 I.No.2.11)	Cum	135.00	81.00	10935.00			118.80	81.00	9622.80	118.80	9622.80
37	KSRB 13-6.3.1: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 50 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6 / 13.3 (Page No.91/Item No.13.37)	Each	1.00	2200.00	2200.00			1.00	2200.00	2200.00	1.00	2200.00
38	Providing and fixing on position brass bib cock of approved quality 25mm dia nomial bore including cost of all materials labour and HOM of equipments with all leads complete as per specifications.(P.N 91 I.N 13.25)	Each	5.00	300.00	1500.00			5.00	300.00	1500.00	5.00	1500.00
	Grand Total				5246983.06					5231906.90		5231906.90

Assistant Engineer
BBMP Bangalore

Asst. Executive Engineer,
BBMP Bangalore